Page 1 of 9 Serial No. Attv. Docket No. U.S. Department of Commerce Form PTO-1449 10/084,388 66512-A/JPW/GJG Patent and Trademark Office Applicants EINFORMATION DISCLOSURE STATEMENT Stephan Kopytek and Virginia W. (Use several sheets if necessary) Cornish Group 🥥 Filing Date EP 2:0 2002 February 25, 2002 1614 U.S. PATENT DOCUMENTS M. Manic HADE Class Date Filing Da Name Subclass Document Number if Approp Initial July 27. Liu et al. MiM 1999 3 16 April 7, Landry MM 1998 Fields et al. Nov. 21. MM 1995 May 24. Schultz, P. WW 1994 March 16, Kwawli et al. 5 WW 1993 Translation Country Class Subclass **Document Number** Date Yes No 5 3 3 5 Jul 26, WO PC+ WM 2001 March 4, WO 0 pct MM 1999 WO March 4. Ю pct MM 1999 WO 8 3 April 2, Pa WW 1998 WQ. 1 August $\mathcal{N}^{\mathcal{M}}$ PCT 28, 1997 October 3, WO 5 6 3 Ю ÞИ MM1999 NovemberEP 0 WW 13, 1996 Austin DJ, et al. Proximity versus allostery: the role of regulated protein dimerization in biology, 1994, Chem Biol. 1(3): 131-6 (Exhibit 13) MMBelshaw PJ, et al. Controlling protein association and subcellular localization with a synthetic ligand that induces heterodimerization of proteins. 1996. Proc. Natl Acad Sci USA NW 93(10):4604-7 (Exhibit 14) EXAMINER DATE CONSIDERED 7/8/04 Applicants: Stephan Kopytek and Virginia W. *EXAMINER: Initial if reference considered, whether or not citatic Cornish U. S. Serial No.: 10/084,388 Draw line through citation if not in conformance and not considere Filed: February 25, 2002 Group Art Unit: 1614 communication to applicant. Exhibit A

											Page	♀							
Form P	ТО-1	449						ent of Commerce rademark Office	Atty. Doc 66512-	ket No. A/JPW/GJG	Serial N 10/084	4 ,33 8 ⋅							
OIPE	VFO						OSURE S	STATEMENT ssary)	Applica Stephan Cornish	nts Kopytek and	Virgini	بر حد							
SEP 2:02	ou h	_							Filing Date February	te y 25, 2002	Group 1 614	1636							
A							U.S. P.	ATENT DOCUME	NTS	<u>M</u> .	Marvi	ch							
Initial		Do	cume	nt Nu	ımbeı	-	Date	Name	Class	Subclass	Filing D								
		$oxed{igspace}$	$oxed{oxed}$	\perp							T								
		_	\sqcup	\perp	\perp		<u> </u>												
		_																	
		\perp	Ш	\bot															
		_		丄	Ш.,				<u> </u>										
	-						FOREIGN	N PATENT DOCUM	MENTS										
Ì	Γ	ocı	ımer	nt Number			ent Number			ent Number Date Counti				Country	Class	Subclass	Translation		
			T								Yes	No							
		$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}$		\perp		_													
		ot	\sqcup	\perp															
		<u> </u>			\perp				<u></u>										
	_ _	<u>Ļ</u>																	
	Ве	lsha	w P	J, et	al. C	Con	trolling pro	ogrammed cell death	with a cyc	lophilin-cycle	osporin-	based							
MM	- 1							. 1996. Chem. Biol.											
	3:	/31-	738	(Ex	hibit	15	9)												
r																			
^^ \	do	101 J mai	, et a	u. St hom	truct ian F	ure 'R A	of the FKI P. 1996. S	3P-12-Rapamycin co science	mplex inte	racting with	the bind	ing							
WW	1						hibit 16)	ololico											
			···			`	·····	election and design: s	tanding at	the crossroad	e in thre								
MM								on in Structural Biolo		aic crossioad	S III UMC								
	7:4	I 55-	456	(Exl	hibit	17)												
	Di	ver	SR,	et al	. Sin	gle	-step synth	esis of cell-permeabl	e protein d	imerizers tha	t activat	e signa							
MM								. 1997. J. Am. Chem				•							
		9: 5	106-	5109	9 (E:	khi	bit 18)												
XAMINE	R	w) PA				DATE CON	SIDERED 7/8/	04										
1 1 1	FAAA	<u> </u>					<u> </u>	r or not citation is in											

Page 3 pf 2 n

												~~~~
Form P1	O-14	49					_	ent of Commerce	Atty. Doc		Serial N	
					P	ate	nt and Tr	ademark Office	66512-7	A/JPW/GJG	10/084	288 <u>S</u>
	woot		- T - C			~*	ocribb c	OT A COUNTY AND NOON	Applica		j	₩ ₩
LA E	ALOI MA							TATEMENT		Kopytek and	Virgin	g w.
	8	(US	e se	vera	41 SI	nee	ts if neces	sary)	Cornish		Т	
SEP 2.0 20	な 第								Filing Dat	e / 25, 2002	Group 1614	1636
							II C D	ATENT DOCUME		23, 2002		mil
E THAUS		Docum						Name	Class	Subclass	Filing D	
Exammer Initial	İ	Docum	ient .	Num	iber		Date	Name	Ciass	Gunciass	if Appro	
			T								1	
	_		✝									
	-		╁╴	-	Н				1		†	
		┝┼╌	\dagger	-	Н				+		 	
	-+-	\vdash	╁	├─	\vdash				 		 	 _
	L	Ц.		l			FORFICN	N PATENT DOCUM	MENTS	<u> </u>	<u> </u>	
1		ocum		N	m h		Date	Country	Class	Subclass	Trai	nslation
	"	ocum	CIII	114	mo		Date	Country		Subtilibo	Yes	No
		П	Т	Τ_						 		
		 	+	╁╌						 	1	
	-	\vdash	╁╌	╂╌	├─				 		1 1	
	+	┝╌├╌	+	╁╌	-	_	 				1	
		\vdash	+	╀╌	⊢	 		 	_	 	 	
				L			L	<u> </u>	D-4- D-	Aire and Dagge	III	L
						_		ding Author, Title,				
		SN, o nitiati						fine a role for transcr	nptional ac	tivation dom	ains in	
WM	- 1											
		<u> </u>					ibit 19)	· · · · · · · · · · · · · · · · · · ·		n -a-ditional	allala a	f Coc
44.44							gnat transd 1. Sci. USA	uction in T lymphoc	ytes using	a conditional	affere of	1 303.
WW	1							1				
	_	:9810						-dlling the go	Il ovole ve	th natural pro	ducts 1	996
0000		ing D iem. E			Un	aer	standing a	nd controlling the ce	ii cycle wi	ui naturai pro	uucis. I	<i>77</i> 0.
w	- I				ihi	+ 7 1	1)					
EXAMINI		523-63					DATE CON	VSIDERED	2/01/	<u> </u>		
BARIVIINI	\mathcal{N}	MYN	W	ich	١		DATE CON		7/8/0	<i>W</i>		
*EXAMINER:	Initi	al if	rofor		0	nsid	dered, wheth	er or not citation is i	in conforman	ce with MPEP 60)9: Draw	line throu
citation i	f not	in con	orma	nce	and	not	considered.	Include copy of this	rrom with he	At communicatio	n to appt	

Page 4 of 9

												Ξ
Form P	ГО-1	449						ent of Commerce rademark Office	Atty. Doc	ket No. A/JPW/GJG	Serial N	
	7	RM.	ATI Use s	ON seve	DIS	CL		STATEMENT	Applica	nts Kopytek and	Ĩ	2 77
SEP 2 0 7		_							Filing Dan	te y 25, 2002	Group 16.F4	
Vy round	LER						U.S. P.	ATENT DOCUMEN		1	1.10	will-
Examiner Initial		Doc	umer	nt Nu	mbei	r	Date	Name	Class	Subclass	Filing D	
					igspace	<u> </u>	ļ					
	+	+-1	_	_	┼	_			ļ			
	+		-	-	↓_	ļ						
	+	+	_	-	╂—							
		Ļ	<u>_</u> L			<u></u>		<u> </u>	<u> </u>			
				4 NI		_		N PATENT DOCUM		·	1	
	"	ocu	ument Number Date Country					Country	Class	Subclass	Translation	
	\dashv		T	$\overline{}$	T		•				Yes	No
	+-	\vdash	\dashv	╁	+-				<u> </u>			
	+	+	\dashv	+	\vdash		·		-			
	-	1		+-	1				 			
	1		_	+		H			<u> </u>		 	 ,
	O	THE	R D	OC	L_ UM	EN	TS (Inclu	ding Author, Title, l	Date. Pert	inent Pages	Etc.)	
m	Kle		JD,	et a				a regulatory mechan				3. Annu.
	16:	569-	-92 (Exh	ibit	22)					
m	lide	ntifi	ed b	y a r	nam	ıma	lian three-	e expression and proto hybrid screen. 1997. l	ein translo Proc. Natl.	cation using Acad. Sci. U	nontoxio JSA	ligands
							hibit 23)					
m	199	96. P	roc.	Nat	l. A	cad.	Sci. USA	stem for detecting sn	nall ligand	-protein rece	ptor inte	ractions
VARABATA	98:	128]	17-1	2821	(E	xhi	bit 24)					
XAMINEI	, YV	11/1	<u>Or</u>	MΓ	L		DATE CON	sidered 21810	1			
KAMINER:	nitia	lif	refe	rence	COD	e i do	red whether	r or not citation i- i-		wish warn con		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

					-						Page 4	of 9 3	SE SE	
form PT	'O-	1449						ent of Commerce ademark Office	Atty. Doc 66512-	ket No. A/JPW/GJG	Serial 1 10/08	No. 4,388	SEP 2 3 2002	
PE VO	VF(OSURE S	TATEMENT sary)	Applica Stephan Cornish	Kopytek and	Virgin	ia W. 200	2002	
2.0 2002	<u> </u>								Filing Da Februar	te y 25, 2002	Group 1 614			
RADEMARK Xaminer	/· —						U.S. PA	TENT DOCUME	NTS					
xaminer nitial		Doc	cume	nt N	umbe	r	Date	Name	Class	Subclass	Filing I	Date opriate		
	\perp			\bot	_ _	1					<u> </u>			
	4	+		_		\bot					<u> </u>			
	+	+	\square	+		\perp								
	+		\vdash	\dashv	+	+					1			
		!	<u>l</u> !		<u> </u>	.!	FORFICA	I PATENT DOCU	MENTS	.1	<u> </u>			
···	1	Doci	ıme	nt N	uml		Date	1	Country Class Subclass					
	-										Yes	nslation No		
						Τ	 							
	_										ļ			
	\downarrow	<u> </u>			_ _	_	ļ							
						<u> </u>	<u> </u>				<u> </u>	L		
— Т	_							ding Author, Title,				- 1009		
MM							ietnoa for d USA	lirected evolution an	d function	ar cronning or o	enzyme	S. 1990.		
[4 / 1/4]	9	5:10:	523-	-105	28 (Exh	ibit 25)							
	_							tudies of a signaling	pathway a	activated by th	ne orgai	nic		
\mathcal{M}	- 1						94. Cbem.	Biol.						
*	-	:163		<u> </u>				1.1 0		41 4.*	1			
m							al genetics ledicinal C	resulting from a pas hemistry	sion for sy	ninetic organ	ic chem	ustry.		

FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes No	Form PT	0-14	49					-	ent of Commerce ademark Office	Atty. Doc	ket No. A/JPW/GJG	Serial N 10/084	
U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS Document Number Date Name Class Subclass Filing Date if Appropriate FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through the page 100 of the	TPE	FOF								Stephan		Virginia	W.ENTE
POREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw line through	Eb 5'0 5005							<u>-</u>		February			436 <u>8</u>
FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes No	O TO ALLEMAN	? /						U.S. PA	TENT DOCUME	NTS		,	
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw Line through the stranger of the stranger	Examiner Initial	<u> </u>	Docu	ment	Nun	nber		Date	Name	Class	Subclass	1	
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through the stranger of the strange		1			1_				 				
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through the stranger of the strange					1_								
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through the stranger of the strange					<u> </u>							<u> </u>	
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through the stranger of the strange				\bot								<u> </u>	
Document Number Date Country Class Subclass Translation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw Line through the stranger of the stranger										<u> </u>		<u> </u>	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through								FOREIGN	PATENT DOCUM	MENTS			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609: Draw Line through		D	осип	nent	Nu	mb	er	Date	Country	Class	Subclass	Tran	ıslation
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through												Yes	No
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through													
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through					Γ								
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw Line through				T	Π								
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through					T								
Spencer DM, et al. Controlling signal transduction with synthetic ligands. 1993. Science 262(5136):1019-1024 (Exhibit 28) Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MANNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw Line through		\top			1								
Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MALL DATE CONSIDERED DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through		01	THE	R D	OC	UM	ŒN	TS (Inclu	ding Author, Title,	Date, Per	tinent Pages,	Etc.)	
Spencer DM, et al. Functional analysis of Fas signaling in vivo using synthetic inducers of dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MALL DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through		Spe	encer	DM	1 , e	t al.	Co	ntrolling s	ignal transduction w	ith synthet	ic ligands. 19	93. Scie	nce
dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through	MM	262	2(513	36):1	019)-1 0	24	(Exhibit 2	8)				
dimerization. 1996. Curr Biol. 6(7):839-47 (Exhibit 29) Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through		Spe	encer	DM	1, et	al.	Fur	nctional an	alysis of Fas signalir	ng in vivo	using syntheti	c induce	ers of
Spencer DM, et al. A general strategy for producing conditional alleles of Src-like tyrosine kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through	NWN	din	neriz	atior	n. 19	996.	Cu	ırr Biol.					
kinases. 1995. Proc. Natl. Acad. Sci. 92:9805-9809 (Exhibit 30) EXAMINER MAN DATE CONSIDERED PEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through	011	6(7):83	9-47	(E)	khit	it 2	29)					
92:9805-9809 (Exhibit 30) EXAMINER MAN DATE CONSIDERED 7 8 109 TEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through										onditional	alleles of Src	-like tyr	osine
EXAMINER MY DATE CONSIDERED 7 6 09: Draw line through	VW/								Sci.				
TEXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through			$\overline{}$				ibi						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through	EXAMINEF 	, 11	\mathcal{M}	M	ΛÌ(h		DATE CON	SIDERED	18/04			
	*EXAMINER:	nitia	lif	refe	renc	e co	nsid	ered, whethe	er or not citation is i	n conforman	e with MPEP 60	9: Draw l	ine through

Form PTO	-1449					-	nt of Commerce demark Office	Atty. Doc	ket No. A/JPW/GJG	Serial N 10/084		2002
IPE W							TATEMENT	Applica Stephan	nts Kopytek and	Virgini	a W. Cor	rnish
5 0 5005	<u> </u>	Use	sevei	ral s	hee	ets if necess	sary)	Filing Date February	te y 25, 2002	Group 1 614	1636	
<u> </u>	<u>/</u>					U.S. 1	PATENT DOCUME	NTS				
xaminen (D	ocum	ent Nu	mbe	r	Date	Name	Class	Subclass	Filing D		
		<u> </u>		<u></u>		FORRIC)	<u> </u>	<u> </u>		
	1_					Г	ON PATENT DOCU		<u> </u>	T		
	Doc	um	ent N	umb	er	Date	Country	Class	Subclass		ranslatio	
	+-	_			ı	<u> </u>			ļ	Yes	No	0
	++	╀-		-	<u> </u>	 		<u> </u>				
L		L		\perp				<u> </u>	<u> </u>			
							luding Author, Title					
MM	myri	stoy	-	FKE	P 1	2- TGF-bet	gnaliung with small n a type 1 receptor fusion		-	-	that bind	
MM	TGF	-beta	-	aling	g us	sing small r	role of homomeric an molecule dimerizers. I			interact	tions in	
MM	1		-				escence coincidence a Proc. Natl. Acad. Sci				33)	
MM	Yang	g, J.,	et al.	Sma	all-	molecule co	ontrol of insulin and F r. Biol. 8:11-18 (Exhi	DGF rec				f
MW	i i						tranmscription and cl Science 279(5347):8			living	cells wit	h
W	Sear	oh R	eport	date	d N	viay 14, 200	Ol corresponding PCT	Internati		ion No	•	
EXAMINER .	W	1 1	hai	NO	l	DATE CON	SIDERED 71810					
*EXAMINER: In	itial i	fref	erence	cons	ider	ed, whether	or not citation is in co opy of this from with ne	nformance :	with MPEP 609: D	raw line	through o	citation

	D-1449 .					ent of Commerce ademark Office	Atty. Doci	ket No. A/JPW/GJG	Serial No 10/084	.388 2
PEW					SURE S'	TATEMENT sary)	Applica Stephan Cornish	nts Kopytek and	Virgini	1600 <u>7</u> 290(
P 2 0 2002	E						Filing Dat February	e . 25, 2002	Group 1 61 4(()	34
	<u>"</u>				U.S. PA	TENT DOCUMEN	NTS			
xominer nitial	Docum	nent N	lumber	D:	ate	Name	Class	Subclass	Filing Da	
					DEICN	PATENT DOCUM	4ENTS	<u> </u>	<u></u>	· · · · · · · · · · · · · · · · · · ·
	Docum	ent N	Vumb		Date	Country	Class	Subclass	Tran	slation
									Yes	No
						L	<u> </u>		<u>ll</u>	
						ding Author, Title,		·		
m		ation	In Viv	o. 20	00. J.An	ethotrexate: An Effi- n.Chem.Soc.	cient Chen	nical Inducer	of Prote	nn
			1	<u> </u>	· 11 7					
M	Homobii	funct	tional I	Dime	r of Meth	nduced Dimerization notrexate. 2000. Che		rofolate Redu	ictase by	a
WW	Homobii 7:313- 3	funct 21 (I	tional l Exhib	Dime it 38)	r of Meth		m Biol		ictase by	'a
WW	Homobit 7:313- 3 U.S. Set (Exhibit Firestine	funct 21 (1 rial N : 39) :, S.N	Exhib No. 09/	Dime it 38) 768, il. Us	or of Meth) 479, filed ing an A	notrexate. 2000. Che	m Biol For For Pu orid system	blication		
WW	Homobit 7:313- 3 U.S. Se (Exhibit Firestine 2000. Na	funct 21 (I rial N : 39) :, S.N ature	Exhib No. 09/ M., et a Biotec	it 38] 768, I. Us chnol	or of Meth) 479, filed ling an Allogy. 18,	I January 24, 2001 M	m Biol lor for Pu prid system) reassemb	blication to detect bio	catalysts	s in vivo.
MM MM	Homobin 7:313- 3 U.S. Ser (Exhibit Firestine 2000. Na Pelletier reductas 12146 (I	funct 21 (I rial N 239) 2, S.N ature , J.N. e from Exhil	Exhib No. 09/ M., et a Biotec ., et al. m ratio bit 41)	Dime it 38; 768, al. Us chnolo Oligonally	or of Meth) 479, filed ing an Androgon 18, gomerizate y designe	I January 24, 2001 Avarace-Based three-hyb 544-547 (Exhibit 40	m Biol For Further Funds system Treassemb Proc.Natl	to detect bio	catalysts ihydrofo A. 95, 12	s in vivo. late 2141-

												Page 9	of 2
orm P	ГО	-144	9					-	ent of Commerce ademark Office	Atty. Doc 66512-2	ket No. A/JPW/GJG	Serial N 10/084	 ,388∰
		QRI	AA] (Us	ΓΙΟ e se	N I	DIS al s	CL shee	OSURE S	TATEMENT sary)	Applica Stephan Cornish	nts Kopytek and te 24, 2002	Virgini	TER 1600
SEP 2:01			•						·	Filing Dat January	te 24, 2002	Group 1614	2900
& TRAD	业	<i>-</i>						U.S. PA	TENT DOCUME	NTS			
xAminer ittal		D	ocum	ent	Nun	nbei	r	Date	Name	Class	Subclass	Filing Date if Appropriate	
		6 2	0	0	7	5	9	March 13, 2001	Dove et al.				
		5 9	2	5	5	2	3	July 20, 1999	Dove et al.				
			-	<u>l_</u>	<u> </u>	<u>L_</u>]	FOREIGN	PATENT DOCUM	 MENTS	<u></u>	<u> </u>	
		Document Number						Date	Country	Class	Subclass	Trai	nslation
						Ì						Yes	No
			Τ		Γ								
						Γ							
		OTI	IER	D	OC	UM	1EN	NTS (Inclu	ding Author, Title,	Date, Per	tinent Pages,	Etc.)	
W/		U.S. (Exh				10	'05(5,874, filed	January 24, 2002	1,0NSides	ed, Not fe	pr publi	eation
						10	/132	039 filed	April 24, 2002 3				
M		(Exh							7				
4447		(LAI	1010	10	/_	-							
	-	·.					_				<u> </u>		
	\vdash												
	\vdash									 			
]													
XAMINI			^					DATE CON	SIDERED THE			<u>.</u>	

OLT 1 0 2003

Sheet 1 of 1 Serial No. Atty. Docket No. U.S. Department of Commerce 66512-A/JPW/ 10/084,388 Patent and Trademark Office GJG/ACK Applicants: Stephan Kopytek and INFORMATION DISCLOSURE CITATION Virginia W. Cornish (Use several sheets if necessary) Filing Date Group 1614-1436 February 25, 2002 U.S. PATENT DOCUMENTS Date Class Subclass Filing Date Document Number Name Examiner if Appropriate Initial FOREIGN PATENT DOCUMENTS Subclass Translation Document Number **Country** Class Date No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Amara, J.F. et al. A Versatile Synthetic Dimerizer for the Regulation of Protein-Protein MM Interactions, *Proc. Natl. Acad. Sci. USA*, 1997, 94, 10618-10623 (Exhibit 1) EXAMINER DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.